AMCGRAW-HILL PUBLICATION VEEK 50



Should the need arise again, the Cougar jet fighters above, plus other new Grumman Aircraft, will play as big a role in victory as did Panther jets in Korea... as did Grumman Wildcats, Hellcats and Avengers of task force fame in World War II.

GRUMMAN AIRCRAFT ENGINEERING CORPORATION

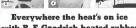
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Aviation Week

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ACIATION WITH Release 27 1954

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The Aviation Week

February 22, 1954

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AVIATION WEEK PERMANY 22. 1

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AMAZION WEEK, February 22, 1984

Congress Gets Red Plane Facts

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Closeup Look at C-124 Turboprop Engines brodules of Allies 5700 edgs teste space for sed draws on beden alon. the patent and televes three elects Edwards AFE (Avedos West Feb. 15.

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AVAITON WEEK Francy 22, 1950

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AERONAUTICAL ENGINEERING

Artouste Makes Good in Sikorsky S-52

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AVENTION WEEK, February 22, 1956



RUSINESS MACHINES

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Here at last is a connector which combines electrical connections, samply gress AMP Taper Pins into marine recentucies. The pins are aleven up to the point of wire failure. Soft speay and vibration tests show soldial contact resista moderners of 2.63 milliobens after 160 hours. New applications are being found every day

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UNIVERSAL METAL PRODUCTS, INC.

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MEETS THE CHALLENGE





A.V. ROE CANADA LIMITED

60% lighter weight!

... for this TWIGG-BUILT inner shaft shield

> Light-Weight TITANIUM Gas Turbine Part Hos Strength of Stainless Steel At Working Temperatures

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AVIATION WEEK, February 22, 1954

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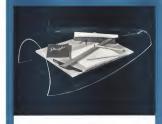
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For more than 19 years, American Airbaes has used Smoleir Austraft (NI) to monest ats nowerful parties agreest best and fraction. This strong vote of confidence fact this, today, more than 45% of the oil sund by Sixtian Why don't yes place your confidence in



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with the NEW Collins 51 V - 2 Glide Slope Receiver

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SIMPLICITY - Only our moving part, the Spencer Disc. No complicated mechanisms, such as toggles, latches, magnets or other parts that were out or lose their calchestres.

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ANIATION WEEK, February 32, 1954.



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Telling the Market The New Look at North Control Arr-

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Stainless Steel or Aluminum to meet your specific design needs! So must the challenge of higher temperatures in advanced into







Adaptability of new Parker valve helps simplify hydraulic-system design

"Many bydradic-sygon denges can now be simplified by using Parker's new last of sheerplace valves. One hour valve can easily be adapted or ware folding," errors H. C. Trick, shows at left describing a wang-fold arediences. He is Steff Engineer-Hydraslic Systems, as Parker

as designers," he continues, "because they can provide the best spabbleg sysilable. This sembbing is the result of metering at each and of the place travel . . . made possible by the tent-drop "These valves all have leberens's low leakupe

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PARKET AMERIAN CO.



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FINANCIAL

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AVIATION WEEK, February 22, 1956



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Ask the men with the most experience... ask BEN BRANSOM



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AVAILABLE WEEK Friedrich 23, 1954

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Advantages - Transpare has a strength to wright NEX CER Element section for section, in place of supplies steel, a 49%



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AVLKINON WHILE February 22 1954

VICKERS VISCOUNT FACTS

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Within six months of its introduction, British European Airways annormed the following figures for their Vickers Viscoust operations:

> Total revenue earned Total costs incurred* Total profit earned

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51%

28.1%

BRITISH RUBOPFAN AND

WAYS TOTAL COSTS TAKE INTO ACCOUNT ALL OVER.

COVER ALL COSTS

For a total of 6.140 ptvenue hours this adds up to a profe of

\$3,920,000,00

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Moreover this was achieved in the early months of the Viscouse's opensional service, when the utilization was still at the low annual figure of 1.560 foom.

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On order in North Americo for Trans-Conada Air Lines

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SATION WITE February 32, 1954

Buckets by MISCO



This intricate bucket is an integral part of the power recovery units in the powerful Curius-Wright Tusto Compound Engine (shown above) which is now rated at 5700 kp. for the U. S. Military Services and has been settered by 22 of the World's Leading Aleilous for high-speed, long range transports.

Production of this complicated compounts clearly

constitutes a notable MESOO achievement in practical engineering, metallungted knowhow, and highly skilled techniques to meet the most exacting requirements.



Misco Precision Casting Company

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WARTON WEEK, Pelmers 22, 1954



Sharp Claws for Navy Carriers

She's a fighting est—the Congan.
Sucpt wing successor to the Germanan Posther, the Congan is a most futier surplane, yet it has the same low broken and take-off speed. This difficult perfectation conditions raskes her soled for accentive conditionalise raskes be field operations.

her ideal for arrestly carrier and femal line combut field operations.

Powered by a Fratt 6 Whetney Aircraft, 146-P5, 7,280-lin statte threat engine, the Couper takes off and lands on the deck of a narrier. It has a speed share 520 mph, range of more than 1,000 miles and a serves certifies of

appendixed by 50,000 feet.

Leo Nicht and Jiao Nichl Allow help keep the Coppe Riving. You'd find pures under of this remain entit used where unseal containments of common resistance, here reconstance, interpal and duritify are called fee.

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2. In recent years the gap in income between

zeen grewer is the contrast powers the real mecents of Assats and Americans. Today most Assats are no botter off economically than they were back in 1959 On the other hand, the real second of the average American has almost deathed. As a result, the real income of the average Assat—always small by our standards— — in zow only a turn fraction of that of

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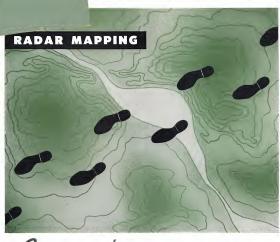
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